

The Tech

VOL. XXV. No. 33.

BOSTON, MASS., WEDNESDAY, DECEMBER 13, 1905

PRICE THREE CENTS.

TECH WINS TWO GAMES.

First and Second Basketball Teams Both Defeat Their Opponents.

The basketball teams duplicated their performance of last week by again gaining a double victory Monday evening the Varsity defeating Tufts College, 28 to 10, and the second team winning from the English High School five, 12 to 11. The audience of one hundred was made up mostly of English High supporters, who cheered very enthusiastically for Technology in the big game.

The Tech-Tufts game was a clean, hard-fought contest from beginning to end. Tufts never gave up for an instant, and in the first half developed a passing game that kept Tech guessing. As soon as the Tech men saw through the plays, however, the game took a different aspect. Tufts' shooting was poor, even when the men had a clear field and plenty of time.

Gregory, '09, played a star game, and made six baskets. He had many chances for others but failed each time by only a very small margin. Deavitt, '07, also played a good game, making four baskets. The team at times failed to follow the ball, but did fine work in getting the ball into the opponents territory so that the forwards had many tries for baskets. With more practice, the team will develop so that it will be hard to beat.

The game between the second team and English High School was a cross between football and basketball. The English High men played roughly at all stages of the game and it was only by playing back hard that the second was able to win. Capt. Homer was sent out of the game for slugging in the second half. English High was ahead at the time but went to pieces.

The line-ups were as follows:

TECHNOLOGY.	TUFTS.
Gregory, I.f.	I.f. H. D. Wilson (Seede)
Deavitt (Kinnear), r.f.	r. f. Reilly
Wentworth, c.	c. Getchel
Burleigh (Capt.) (Lyons), l.b.	l. b. E. B. Wilson
Lamont (Belcher), r. b.	r. b. Develley (Capt.)

SCORE.—Tech 28, Tufts 10. Goals from floor, E. P. Wilson 2, Gregory 6, Burleigh, Deavitt 4, H. D. Wilson, Getchel 2, Lyons 2, Kinnear. Fouls called, Tech 8, Tufts 6. Fouls missed, Burleigh 3, H. D. Wilson 4, Reilly 4, Gregory 3. Referee, Hearn, Tufts. Umpire, Jacobs, Y. M. C. A. Time, twenty-minute halves.

TECHNOLOGY.	ENGLISH HIGH.
Drake (Kinnear), I.f.	I.f. Silverman
Merrill (Johnson) r.f.	r. f. Homer (Capt.) (Lalley)
Pierce (Munson), c.	c. Desmond
Grimes (Whittemore), l. b.	l. b. O'Hearn
Foster (Godfrey), r. b.	r. b. Saftel (Jenny)

SCORE.—Tech 2d, 12, English High 11. Goals from floor, Grimes, Drake, Desmond, Silverman, Whittemore 3, Kinnear, Homer 2, Lalley. Goal on foul, Homer. Fouls called, Tech 5, English High 4. Fouls missed, Pierce 2, Homer 4, Kinnear 2, Jenny. Referee and Umpire, Jacobs, Y. M. C. A. Time, fifteen and ten-minute halves.

EXCELLENT PROSPECTS.

The Winter Concert of the Musical Clubs Promises to be a Success.

The program for the Winter Concert and Dance has gone to the press. The concert, which is to begin at eight o'clock sharp, consists of eleven numbers. This will allow the dancing to commence promptly at ten o'clock. A new feature has been introduced this year in having a Reception Committee. It will be the duty of this committee, consisting of one man from each class and the president of the association, to lend assistance in filling out the dance orders. This will give those students who may not be able to completely fill their orders, a good chance to become acquainted with some of their fellow classmates. The committee will be announced in Friday's TECH.

PROF. BLAKE ADDRESSES STUDENTS IN MINING.

This evening at 7.30 Prof. William P. Blake will address the Mining Engineering Society at the Tech Union on the subject of "Education in Mining." Professor Blake is a pioneer in the mining world and has had many years of the widest experience. Starting in the early fifties, he was geologist and mineralogist for the U. S. Pacific R.R. Expedition. Later he edited the *Mining Magazine*, and since 1860 has been engaged in mining, engineering, and explorations.

In 1862 he was in the service of the Japanese government, as mining engineer. The next year he explored the Stickeen River, Alaska, making reports to Secretary of State Seward, and in 1864 he became Professor of Mineralogy and Geology in the College of California. Several years later he accompanied the U. S. Commission to Santo Domingo, and he was Executive Commissioner of the Centennial Exposition in 1876. In fact since 1853 he has been identified with all the great international expositions. Although advanced in years Professor Blake has been very active in his work and since 1894 has been Professor of Geology and Director of the School of Mines in the University of Arizona, as well as Territorial Geologist.

Professor Blake was among the first members elected to the American Institute of Mining Engineers after its organization in 1871. He was one of the first vice-presidents and has contributed valuable papers nearly every year on varied subjects.

At the meeting tonight a large attendance is desired to honor Professor Blake. All who are interested in Mining are invited and a special invitation to attend is extended to those members of the Freshman class who are thinking of entering the Mining Course.

Tickets may be obtained at the Cage for 20 cents.

FRESHMEN VS. SOPHS.

First Fall Inter-Class Meet comes on December 21.

The M. I. T. A. A. Dual Meet between '08 and '09 is to take place in the new gymnasium on Garrison Street Thursday evening, Dec. 21, at 8 o'clock sharp. Lawrence Allen, '07, is manager for the Meet, and entries may be made to him.

The events are as follows: 40-yd. dash, 40-yd. high hurdles, 600-yd. run, 1,000-yd. run, 1 mile run, running high jump, pole vault, shot-put, and relay race.

Each class will be represented in the relay race by ten men, each man running 400 yards.

In each event 11 points will be scored; in the first eight events the first four men score 5, 3, 2, and 1 points respectively.

To the class scoring the highest number of points a special silk banner will be given. Two individual prizes are also to be awarded in each of the first eight events.

PROF. GOEBEL ON "FAUST."

Students of the Institute are invited to attend a course of six lectures on Goethe's "Faust," by Prof. Julius Goebel, of Harvard University (formerly of Leland Stanford, Jr., University.)

The lectures will be delivered in the German language on six successive Wednesdays, at 8 P.M., beginning Wednesday, January 10, 1906, in Hall A, No. 200, Huntington Avenue.

Tickets for whole course, \$2.50; single admission, 50 cents; six single admissions, \$2.50. Tickets may be procured from C. A. Koehler & Co., 149A, Tremont Street, Room 23; Schoenhof Book Co., 128 Tremont Street.

MR. STEPHENS SPEAKS.

Mr. H. Morse Stephens, M. A., delivered the fifth lecture of the Fifth Lowell Institute Course last night in Huntington Hall. His subject was, "The Physiocrats; Abolition of Restrictions on Freedom of Industry and Trade." This is part of the course of lectures on "The Enlightened Despotism of the Eighteenth Century in Europe." Mr. Stephens' lectures have been found very interesting by those who have regularly attended his course. There are three lectures still to be delivered; on December 15 the subject will be, "Humanitarianism in the Eighteenth Century; Organization of Public Opinion; Influence of Voltaire;" on December 19, "Humanitarian Efforts to Aid the Afflicted; The Organization of Charity;" December 22, "Humanitarian Efforts on Behalf of the Unfortunate; Abolition of Torture; Prison Reform; Count Rumford in Bavaria; Disappearance of Feudal and Religious Ideas of the Middle Ages."

CALENDAR.

WEDNESDAY, DECEMBER 13.

4.00 P.M. Second of Series of Choice of Course Lectures in Huntington Hall.

4.00 P.M. Second of Series of Readings by Prof. Swain in 6 Lowell.

4.30 P.M. Freshman Class Meeting in Huntington Hall.

7.30 P.M. Mining Engineering Society Smoker at the Tech Union.

THURSDAY, DECEMBER 14.

1.30 P.M. Y. M. C. A. Weekly Meeting in 11 Pierce.

4.30 P.M. Meeting in 34 Rogers of Those Interested in Writing Lyrics or Music for Tech Show.

8.00 P.M. Basketball, Tech vs. Tufts at Tufts.

8.00 P.M. Concert by the Musical Clubs at the Lynn Y. M. C. A.

8.00 P.M. Chemical Society Smoker at the Tech Union.

8.00 P.M. Society of Arts Meeting in 22 Walker.

FACULTY NOTICES.

EUROPEAN HISTORY.—Professor William H. Niles, formerly head of the Department of Geology, will address the class in European History tomorrow at 9 A.M. in Huntington Hall, on Asia, dealing especially on the European interests in that continent. Professor Currier asks that the students make an especial effort to be on time.

FIRST YEAR ENGLISH.—Members of Professor Pearson's sections are to hand in notes of two of the lectures given on Wednesday, Dec. 13, and an abstract (three pages). The work is to be left in 12 Rogers by eleven o'clock on Friday.

FIRST YEAR.—A special circular on the choice of courses may be had at the Registrar's office after the present week. Arrangements will be duly announced for meetings of heads of professional departments with students desiring admission to their respective courses.

NOTICES.

1909.—The Freshman class will hold a meeting in Huntington Hall directly following the Course Lectures next Wednesday afternoon. This meeting is especially important since matters concerning the Dual Indoor Meet will be brought up.

INSTITUTE COMMITTEE.—There will be a meeting of the Institute Committee Thursday, at 1 P.M. in the Trophy Room.

THE WINTER CONCERT.—Tickets, which are to be exchanged for the regular reserved seat tickets Monday morning, will be on sale in Rogers Corridor Saturday morning from 9 to 10 o'clock, or they may be obtained of Musical Club members. Preference will be given to holders of these exchange tickets.

(Continued on page 4.)

The Tech

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In charge of this issue: G. S. WITMER, 1908

Wednesday, December 13, 1905.

WILLIAM A. NICHOLS, PRINTER, 288 SUMMER ST., REAR

Mr. E. W. James, 1907, has been elected to the Editorial Staff of THE TECH.

We should like to call the attention of our contributors to the notice which is printed above in italics. At almost every issue we are obliged to throw away some article for the sole reason that the writer has failed to sign it and that we are unable to verify his statements.

The selection of Professor W. H. Walker of the Institute Chemistry Department to take charge Harvard of a lecture course at Harvard Recognizes, is but an added testimony to the high reputation enjoyed by Institute professors.

Professor Walker, it will be remembered, was recently offered the headship of the Department of Chemistry of the Carnegie Institute at Pittsburgh, but decided to remain here. We are glad that the Institute has retained Professor Walker's services, and wish him success in his Harvard work as well.

The establishment of a new lunch room has evidently been justified. The new room at the Union has been well filled every day, yet the rush during Tech Lunch rush hours seems as great as ever at the lunch Rooms. as ever at the lunch room in Pierce Building.

We wish to express our approval of the introduction of the student waiter system, a thoroughly collegiate idea, but there is an undoubted harm about the system of the old Tech Lunch. We hope both will have the success which they undoubtedly deserve.

Did you vote yesterday?

Overheard on Rogers steps: "Where are you going to eat today, at the Union Lunch or the Angel Lunch?"

The Huntington Hall Liquid Refreshment Dispensary was open yesterday noon for five minutes, in spite of the election.

PENNSYLVANIA CLUB DINNER

The Pennsylvania Club held a dinner at the Union last night, at which C. H. Shapleigh presided. Dr. Walker, who was to be the speaker of the evening, was prevented at the last moment from being present and his absence was strongly felt. The Club turned out in full force and the evening was spent very pleasantly in singing and talking.

SECOND TEAM SCHEDULE.

The Second Basketball Team is to play the following games:

Jan. 6, Malden High at Malden; Jan. 13, Oliver Ames A. A. at North Easton; Feb. 10, Melrose High at Melrose; Feb. 13, Dorchester High at Tech Gym; Feb. 20, Tufts 2d at Tech Gym; Feb. 23, So. Boston High at So. Boston; Feb. 27, Melrose High at Tech Gym; March 3, Harvard 2d at Tech Gym; March 8, Wellesley High at Tech Gym.

ADDITIONAL EQUIPMENT.

The Optical Laboratory has added the following instruments to its equipment: Flicker Photometer and Contrast Photometer. Both instruments were made by Schmidt & Haensch of Berlin.

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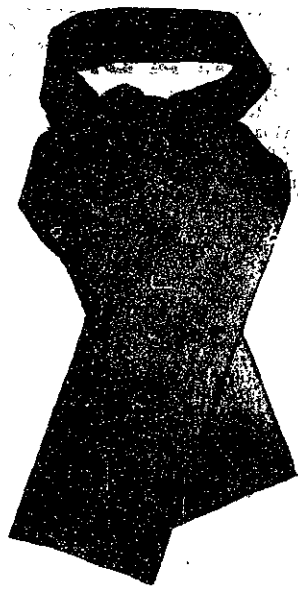
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NEW LECTURE COURSE IN NAVAL ARCHITECTURE

The Department of Naval Architecture has planned and started a long lecture course on subjects concerned with marine construction. In their particular lines of marine engineering the lecturers are all well grounded and the subjects are both interesting and varied. The fundamental principles of Naval Architecture will be talked upon and some of the lectures will deal with methods of ship designing, the construction of floating and graving docks, and the surveying of ships for repairs.

In general the lectures will occur in Engineering C, and several will be illustrated by lantern slides.

Two lectures, besides those in the following list, will be given. Arrangements for them have not been definitely made.

Dec. 22, "Designing Ships," Mr. James Swan, connected with N. Y. Ship-building Co.

Jan. 5, "Wooden Ship-building," Mr. Keough, Consulting Engineer.

Feb. 7, "Lake Steamers," Mr. Babcock, Chicago Ship-building Co.

Feb. 23, "Surveying Ships for Repairs," Mr. Murphy, Lloyd Surveyor.

March 9, "Marine Water Tube Boilers," W. S. Cathcart, Babcock & Wilcox Co.

March 23, "Graving Docks," Lieut. Park, U. S. N.

Apr. 6, "Floating Docks," Lieut. Cunningham, U. S. A.

Apr. 27, "Erecting Engines," Mr. W. S. Newell, Bath Iron Works.

May 4, "Torpedo Boats," Mr. Wetherby, Bath Iron Works.

COLLEGE NOTES.

A national school of architecture is to be founded in New York City by the architects of the Society of Beaux Arts.

Owing to dissatisfaction on the part of the New York State law examining boards with Harvard Law School certificates, a measure has there been enacted by which attendance hereafter will be compulsory instead of optional.

The University of Michigan football season just passed netted a profit of \$25,000 to the Athletic Association.

The Chief of the constabulary of the Philippine Service is to visit Yale soon with the idea of enlisting young men in that service.

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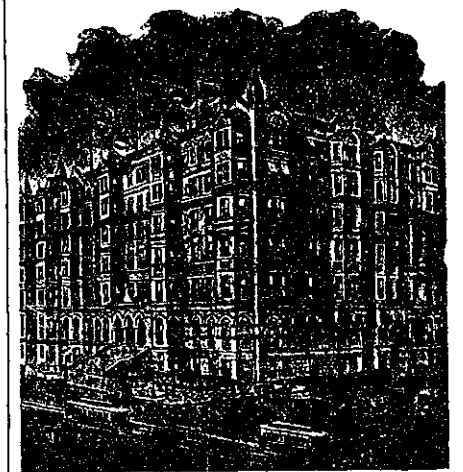
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10:15 A.M. "Berkshire Express." Parlor Car to Albany and Buffalo.
10:45 A.M. "Chicago Special." via Lake Shore; also Pittsburg, Cincinnati, St. Louis. Sleepers and Dining Car.
2:00 P.M. "North Shore Limited." Detroit, Grand Rapids, Chicago, Cincinnati. Sleepers and Dining Car.
3:32 P.M. "Western Express." Niagara Falls, Detroit, Cleveland, Chicago. Pullman Sleepers.
6:02 P.M. "Southwestern Express." Buffalo, and Chicago. Dining Car and Sleepers.
8:00 P.M. "Pacific Express." Buffalo and Chicago and St. Louis. Pullman Sleepers.
11:45 P.M. "Albany Local." New York State. Sleepers to Albany.
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PROFESSOR WALKER LECTURES AT HARVARD.

The lecture course in Industrial Chemistry at Harvard has recently been put under the charge of Professor W. H. Walker, of the Institute Chemistry Department.

This course is what is called a major course; it is a university course, not one open only to the Lawrence Scientific School. It consists of three hours a week throughout the year. It is generally believed that this step was taken by Harvard with the idea of bringing about closer relations between the institutions.

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NOTICES.

(Continued from page 1.)

Y. M. C. A. WEEKLY MEETING.— The Rev. Dr. A. Mann, of Trinity Church, will speak in 11 Pierce tomorrow. Students are invited to be present.

CHEMICAL SOCIETY.— There will be a meeting of the Chemical Society in the Tech Union tomorrow at 8 P.M. Mr. C. B. Morey will talk to the meeting on the subject of Leather, and Mr. F. H. Wilcox on Steel Inspection. Tickets 15c.

Theatre Attractions

PARK.— "Just Out of College"
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